

From: Chen, Zi-qiang
Sent: Friday, March 04, 2016 10:07 AM
To: 'Tim Grant' <Tim.Grant@atcassociates.com>
Cc: Marks, Cheryl <cheryl.marks@ncdenr.gov>
Subject: Technical Review Comments on Bunn Dump Draft RAP 312RA-2

Hi, Tim:

Below please find my technical review comment on Task 312RA-2 (Bunn Dump Draft RAP). I focused on the text portion of the draft due to the current status of the site/project and the time constrain. Please revise the draft and get it back to me when it's done. I look forward to your revision.

Contact me or my Supervisor Cheryl Marks if you have questions. Thanks.
My best,
Chen

===== Comments on **312RA-2** Draft RAP =====

- 1). **Cover Page:** Change the report date from March 31, 2015 to June 19, 2015.
- 2). **Section 1.0 Introduction:** Add the texts of "The draft of " before "this Remedial Action Plan (RAP)".
- 3). **Section 2.0:** Change "this time" to "that time".
- 4). **Figure 3:** Insert a marker to denote the 400mg/kg lead boundary, and add to the legend.
- 5). **Section, 4.1, the last sentence:** Add the phrase of "above 400mg/kg" after "... the lead contaminated soil".
- 6). **Figure 4:**
 - Add a marker to denote the "*overlying debris*";
 - Add a marker to denote the "*above 400 mg/kg lead contaminated soil*" in both the plain-view map and the 2 cross sections.
 - Add the both subjects in the legend.
- 7). **Section 4.2.2, Groundwater:** Add a map to show the distribution of the 14 potable water supply wells, especially the locations of the two concerned wells.
- 8). **Section 4.2.3, Landfill Gas:** Clarify if the gas was above or below LEL?
- 9). **Section 6.1:** Clarify how many cubic yards of the debris and/or surface wastes to be removed?
- 10). **Section 6.2:** Clarify if the 2500 CYs of buried waste is the "above 400mg/kg lead contaminated soil", or the "overlying debris" as shown in Figure 4?
- 11). **Section 6.2:** Show the volume of the "overlying debris" to be excavated and removed.
- 12). **Section 6.2:** Clarify how many cubic yards of the debris and/or surface wastes to be removed? (referencing to Fig. 4).
- 13). **Section 6.2:** The summary table (**Table 1**) may be referenced in this Section.
- 14). **Section 6.2:** Clarify why only 3000 CY of clean structural fill is needed, instead of 4000 CYs in alternative I (**Section 6.1**)?
- 15). **Section 7.1, Permits:** Given that no surface water discharge is anticipated, why a NPDES permit is pursued?
- 16). **Page 14, Section 7.5:** Clarify if the 2,550 tons of bulk weight soil is referred to 2200 CYs of lead contaminated soil that is above 400 mg/kg in **Section 6.2**?
- 17). **Section 8.4:** Insert the missed figure (**Figure 8**).

===== end =====

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INTERACTIVE MAPS WITH DWM SITES AND PERMITTED FACILITIES:

<http://portal.ncdenr.org/web/wm/gis/maps>

ONLINE ACCESS TO SUPERFUND SECTION DOCUMENTS:

<http://portal.ncdenr.org/web/wm/sf-file-records>

<http://deq.nc.gov/about/divisions/waste-management/superfund-section/pre-regulatory-landfill-program>



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From: Tim Grant [<mailto:Tim.Grant@atcassociates.com>]

Sent: Thursday, March 03, 2016 10:09 AM

To: Chen, Zi-qiang <zi-qiang.chen@ncdenr.gov>

Cc: Marks, Cheryl <cheryl.marks@ncdenr.gov>

Subject: RE: Bunn Dump RAP

The changes were relatively minor – fixed formatting issue in the table of contents, removed Tables 2 and 3 from the RAP, changed report date to 6/19/15. The date on the cover in the PDF copy hasn't been changed yet, but will fix that in the final once all comments are addressed. Also attached the Word file for the text in case you want to use that for your review.